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RAW SEQUENCE LISTING DATE: 10/26/2001
PATENT APPLICATION: US/09/944,413 TIME: 09:33:30

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Output Set: N:\CRF3\10262001\I944413.raw

1 <110> APPLICANT: Baker, Kevin
2 Botstein, David
3 Eaton, Dan
4 Ferrara, Napoleone
5 Filvaroff, Ellen
6 Gerritsen, Mary
7 Goddard, Audrey
8 Godowski, Paul
9 Grimaldi, Christopher
10 Gurney, Austin
11 Hillan, Kenneth
12 Kljavin, Ivar
13 Napier, Mary
14 Roy, Margaret
15 Tumas, Daniel
16 Wood, William
17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
18 ACIDS ENCODING THE SAME
19 <130> FILE REFERENCE: P2548P1C1
20 <140> CURRENT APPLICATION NUMBER: US/09/944,413
21 <141> CURRENT FILING DATE: 2001-09-26
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23 <151> PRIOR FILING DATE: 2001-05-25
24 <150> PRIOR APPLICATION NUMBER: 60/067,411
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26 <150> PRIOR APPLICATION NUMBER: 60/069,334
W--> 27 <151> PRIOR FILING DATE: December 11, 1997
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38 <150> PRIOR APPLICATION NUMBER: 60/069,702
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40 <150> PRIOR APPLICATION NUMBER: 60/069,870
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42 <150> PRIOR APPLICATION NUMBER: 60/069,873
W--> 43 <151> PRIOR FILING DATE: December 17, 1997
44 <150> PRIOR APPLICATION NUMBER: 60/068,017
W--> 45 <151> PRIOR FILING DATE: December 18, 1997
46 <150> PRIOR APPLICATION NUMBER: 60/070,440
W--> 47 <151> PRIOR FILING DATE: January 5, 1998

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/944,413

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56 <150> PRIOR APPLICATION NUMBER: 60/113,296
W--> 57 <151> PRIOR FILING DATE: December 22, 1998
58 <150> PRIOR APPLICATION NUMBER: 60/146,222
W--> 59 <151> PRIOR FILING DATE: July 28, 1999
60 <150> PRIOR APPLICATION NUMBER: PCT/US98/19330
W--> 61 <151> PRIOR FILING DATE: September 16, 1998
62 <150> PRIOR APPLICATION NUMBER: PCT/US98/25108
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W--> 73 <151> PRIOR FILING DATE: September 15, 1999
74 <150> PRIOR APPLICATION NUMBER: PCT/US99/28409
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92 <150> PRIOR APPLICATION NUMBER: PCT/US00/20710
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94 <150> PRIOR APPLICATION NUMBER: PCT/US00/32678
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96 <150> PRIOR APPLICATION NUMBER: PCT/US01/06520

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/944,413

DATE: 10/26/2001
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101 <211> LENGTH: 2454

102 <212> TYPE: DNA

103 <213> ORGANISM: Homo Sapien

104 <400> SEQUENCE: 1

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107 ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
108 gtagtacatg gtggataact totacttttta ggaggactac tctcttctga 200
109 cagtcctaga ctggcttct acactaagac accatgaagg agtatgtgt 250
110 cctattatttc ctggcttctg gctctgcca accctctttt agcccttcac 300
111 acatcgact gaagaatatg atgctgaagg atatgaaaga cacagatgt 350
112 gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
113 tccaaacaaga gagccaagaa gcccattttt tccatttgat ctgtttccaa 450
114 tggatgtcatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
115 ttaggtttaa cctcagtcac aaccaacatt ccatttgata ctcgaatgt 550
116 tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gattttaaag 600
117 gactcacttc actttatggt ctgatcctga acaacaacaa gctaacgaag 650
118 attcacccaa aaggcattttt aaccacaaag aagttgcgaa ggctgtatct 700
119 gtcaccacaat caactaagtg aaataccact taatcttccc aaatcattag 750
120 cagaactcag aattcatgaa aataaaagtta agaaaataca aaaggacaca 800
121 ttccaaaggaa tgaatgctt acacgtttt gaaatgagtg caaaccctct 850
122 tgataataat gggatagagc cagggggcatt tgaaggggtg acgggtttcc 900
123 atatcagaat tgcagaagca aaactgaccc ttagttctaa aggcttacca 950
124 ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
125 acttgaggat tttaaacat acaaagaact acaaaggctg ggccttaggaa 1050
126 acaacaaaat cacagatatc gaaaatggga gtcttgctaa cataccacgt 1100
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128 attaccagag ttgaaatacc tccagataat cttccttcat tctaattcaa 1200
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132 agttggaa ctttggatg taataattag taatttgtaa tggccattta 1400
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134 atggtagtat tatataataca agcaaataatc tatttcataag tggtaagtcc 1500
135 actgacttat tttatgacaa gaaatttcaa cggaaattttgc ccaaactatt 1550
136 gatacataag ggggtgagag aaacaagcat ctattgcagt ttcttttttgc 1600
137 cgtacaaatg atcttacata aatctcatgc ttgaccattc ctttcttcat 1650
138 aacaaaaaaag taagatatttgc ggtatttaac actttttat caagcacatt 1700
139 ttaaaaagaa ctgtactgtt aatggaaatgc ttgacttagc aaaatttg 1750
140 ctcttcatt tgctgttaga aaaacagaat taacaaagac agtaatgtga 1800
141 agagtgcattt acactatttgc tattttttatg taacttgggt agtactgtaa 1850
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143 cttatcatgt ctttagagccc gtctttatgt ttaaaaactaa ttctttaaaa 1950
144 taaaggccttc agtaaatgtt cattaccaac ttgataaatttgc ctactcataa 2000
145 gagctgggtt gggctatag catatgctttt ttttttttta attattac 2050
146 gatttaaaaaa tctctgtaaa aacgtgttagt gtttcataaaa atctgtaaact 2100

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PATENT APPLICATION: US/09/944,413

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Output Set: N:\CRF3\10262001\I944413.raw

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149 cctttggaaag accttgcttg gaagagcctg gacactaaca attctacacc 2250
150 aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacatc 2300
151 tagtataact gaataagcag agcatcaaataa acagaca gaaaccgaaa 2350
152 gctctatata aatgctcaga gttctttatg tatttcttat tggcattcaa 2400
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154 aaat 2454
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157 <211> LENGTH: 379
158 <212> TYPE: PRT
159 <213> ORGANISM: Homo Sapien
160 <400> SEQUENCE: 2
161 Met Lys Glu Tyr Val Leu Leu Leu Phe Leu Ala Leu Cys Ser Ala
162 1 5 10 15
163 Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
164 20 25 30
165 Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp
166 35 40 45
167 Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
168 50 55 60
169 Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
170 65 70 75
171 Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
172 80 85 90
173 Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
174 95 100 105
175 Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
176 110 115 120
177 Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
178 125 130 135
179 Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
180 140 145 150
181 Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
182 155 160 165
183 Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
184 170 175 180
185 Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
186 185 190 195
187 Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
188 200 205 210
189 Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
190 215 220 225
191 Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
192 230 235 240
193 Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
194 245 250 255
195 Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
196 260 265 270

RAW SEQUENCE LISTING DATE: 10/26/2001
 PATENT APPLICATION: US/09/944,413 TIME: 09:33:30

Input Set : N:\Crf3\temp\09944413.raw.txt
 Output Set: N:\CRF3\10262001\I944413.raw

197 Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
 198 275 280 285
 199 Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
 200 290 295 300
 201 Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
 202 305 310 315
 203 Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
 204 320 325 330
 205 Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
 206 335 340 345
 207 Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
 208 350 355 360
 209 Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
 210 365 370 375
 211 Asn Phe Gly Met
 213 <210> SEQ ID NO: 3
 214 <211> LENGTH: 20
 215 <212> TYPE: DNA
 216 <213> ORGANISM: Artificial Sequence
 217 <220> FEATURE:
 218 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
 219 <400> SEQUENCE: 3
 220 ggaaatgagt gcaaaccctc 20
 222 <210> SEQ ID NO: 4
 223 <211> LENGTH: 24
 224 <212> TYPE: DNA
 225 <213> ORGANISM: Artificial Sequence
 226 <220> FEATURE:
 227 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
 228 <400> SEQUENCE: 4
 229 tcccaagctg aacactcatt ctgc 24
 231 <210> SEQ ID NO: 5
 232 <211> LENGTH: 50
 233 <212> TYPE: DNA
 234 <213> ORGANISM: Artificial Sequence
 235 <220> FEATURE:
 236 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
 237 <400> SEQUENCE: 5
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 240 <210> SEQ ID NO: 6
 241 <211> LENGTH: 3441
 242 <212> TYPE: DNA
 243 <213> ORGANISM: Homo Sapien
 244 <400> SEQUENCE: 6
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 246 ctccggccctc cgcactcgcg cctccctccc tccgcggct cccgccc 100
 247 cctccctccc tcctcccccag ctgtcccggt cgcgtcatgc cgagcctccc 150
 248 ggccccgcgc gccccgcgtgc tgctcctcggt gctgctgctg ctcggctccc 200
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/944,413

DATE: 10/26/2001
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